FORM PTO-1449 (REV. 7-80) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.: 54259.000004	SERIAL NO.: 10/681,381
LIST OF MATERIALS CITED BY APPLICANT (Use several sheets if necessary)	INVENTOR'S NAME: SCHEMBRI, *et al.*	EXAMINER: Not Assigned
	FILING DATE: October 9, 2003	GROUP ART UNIT: 1642

OIPE JC84 MAR 0 1 2004 PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	1.	5 3 1 6 9 2 2	05/31/94	Brown et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	2.	95/20657	03/08/95	WO				
	3.	97/40161	30/10/97	WO				

OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)

	4.	Carlos F. Barbas, III, *et al.*, Direct selection of antibodies that coordinate metals from semisynthetic combinatorial libraries, Proc. Natl. Acad. Sci. USA, Vol. 90, pp. 6385-6389, July 1993
	5.	Eric T. Boder and K. Dane Wittrup, Yeast surface display for screening combinatorial polypeptide libraries, Nature Biotechnology, Volume 15, pp. 553-557, June 1997
	6.	Stanley Brown, Engineered iron oxide-adhesion mutants of the *Escherichia coli* phage 8 receptor, Proc. Natl. Acad. Sci. USA, vol. 89, pp. 8651-8655, September 1992
	7.	George Georgiou, *et al.*, Display of heterologous proteins on the surface of microorganisms: From the screening of combinatorial libraries to live recombinant vaccines, Nature Biotechnology, Volume 15, January 1997
	8.	Ralf Janknecht, *et al.*, Rapid and efficient purification of native histidine-tagged protein expressed by recombinant vaccinia virus, Proc. Natl. Acad. Sci. USA, Vol. 88, pp. 8972-8976, October 1991
	9.	C. Hal Jones, *et al.*, FimH adhesin of type 1 pili is assembled into a fibrillar tip structure in the *Enterobacteriaceae*, Pro. Natl. Acad. Sc. USA, Vol. 92, pp. 2081-2085, March 1995
	10.	Per Klemm and Gunna Christiansen, Three fim genes required for the regulation of length and mediation of adhesion of *Escherichia coli* type 1 fimbriae, Mol Gen Genet (1987) 208: 439-445
	11.	Per Klemm, *et al.*, The fim genes responsible for synthesis of type 1 fimbriae in *Escherichia coli*, cloning and genetic organization, Mol Gen Genet (1985) 199: 410-414
	12.	Thomas B. Knudsen and Per Klemm, Probing the receptor recognition site of the FimH adhesin by fimbriae-displayed FimH-FocH hybrids, Microbiology (1998), 144, 1919-1929
	13.	Karen A. Krogfelt and Per Klemm, Investigation of minor components of *Escherichia coli* Type 1 fimbriae: protein chemical and immunological aspects, Microbial Pathogenesis 1988; 4: 231-238
	14.	Karen A. Krogfelt, *et al.*, Direct Evidence that the FimH Protein Is the Mannose-Specific Adhesin of *Escherichia coli* Type 1 Fimbriae, Infection and Immunity, June 1990, p. 1995-1998
	15.	Lars Pallesen, *et al.*, Chimeric FimH adhesin of type 1 fimbriae: a bacterial surface display system for heterologous sequences, Microbiology (1995), 141, 2839-2848
	16.	F.M. Romeyer, *et al.*, Bioaccumulation of heavy metals in *Escherichia coli* expressing an inducible synthetic human metallothionein gene, Journal of Biotechnology, 8 (1988) 207-220
	17.	F. Sanger, *et al.*, DNA sequencing with chain-terminating inhibitors, Proc. Natl. Acad. Sci. USA, Vol. 74, No. 12, pp. 5463-5467, December 1977
	18.	Mark A. Schembri, *et al.*, Linker insertion analysis of the FimH adhesin of type 1 fimbriae in an *Escherichia coli fimH*-null background, FEMS Microbiology Letters 137 (1996) 257-263
	19.	Mark A. Schembri and Per Klemm, Heterobinary Adhesins Based on the *Escherichia coli* FimH Fimbrial Protein, Applied and Environmental Microbiology, vol. 64, no. 5, May 1998, p. 1628-1633

EXAMINER M.T.V. DATE CONSIDERED 3/12/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (REV. 7-80) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.: 54259.000004	SERIAL NO.: 10/681,381
LIST OF MATERIALS CITED BY APPLICANT (Use several sheets if necessary)	INVENTOR'S NAME: SCHEMBRI, *et al.*	EXAMINER: Not Assigned
MAR 0 1 2004	FILING DATE: October 9, 2003	GROUP ART UNIT: 1642

OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)

	20.	Mark A. Schembri, Kristian Kjærgaard and Per Klemm, Bioaccumulation of heavy metals by fimbrial designer adhesins, FEMS MICROBIOLOGY LETTERS, vol. 170, no. 2, 15 January 1999, pages 363-371
	21.	Evgeni V. Sokurenko, *et al.*, Quantitative Differences in Adhesiveness of Type 1 Fimbriated *Escherichia coli* Due to Structural Differences in *fimH* Genes, Journal of Bacteriology, July 1995, pp. 3680-3686
	22.	Evgeni V. Sokurenko, *et al.*, Functional heterogeneity of Type 1 Fimbriae of *Escherichia coli*, Infection and Immunity, Nov. 1992, p. 4709-4719
	23.	Evgeni V. Sokurenko, *et al.*, FimH Family of Type 1 Fimbrial Adhesins: Functional Heterogeneity due to Minor Sequence Variations among *fimH* Genes, Journal of Bacteriology, Feb. 1994, p. 748-755
	24.	Carolina Sousa, *et al.*, Enhanced metalloadsorption of bacterial cells displaying poly-His peptides, Nature Biotechnology, Volume 14, pp. 1017-1020, August 1996
	25.	Krishnan Thankavel, *et al.*, Localization of a Domain in the FimH Adhesin of *Escherichia coli* Type 1 Fimbriae Capable of Receptor Recognition and Use of a Domain-specific Antibody to Confer Protection against Experimental Urinary Tract Infection, JCI Online, JCI – Thankavel et al. 100 (5):1123, September 1997

EXAMINER	DATE CONSIDERED
	3/12/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.